

<110> Hurley, David L. Hurley
 <120> Growth hormone transcription factor
 <130> DLH16000
 <150> US 60/258,237
 <151> 2000-12-25
 <160> 2
 <170> Microsoft Word for the Macintosh 2001
 <210> 1
 <211> 6879
 <212> DNA
 <213> Mus musculus
 <400> 1

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1      5      10     15     20
cta cgt tgt gag ctc tta ctt gtt ttg aaa act cag tgg ccc ttt gat cca gaa ttt tgg 120
Leu Arg Cys Glu Leu Leu Leu Val Leu Lys Thr Gln Trp Pro Phe Asp Pro Glu Phe Trp
25     30     35     40
gat tgg aaa act ttg aag cgc cag tgt ctt gct ctc atg gga gaa gag gcg tct att gtg 180
Asp Trp Lys Thr Leu Lys Arg Gln Cys Leu Ala Leu Met Gly Glu Glu Ala Ser Ile Val
45     50     55     60
tcc tca att gat gaa ctg aat gac agt gaa gtc tat gag aaa gta gac tac cag ggt gaa 240
Ser Ser Ile Asp Glu Leu Asn Asp Ser Glu Val Tyr Glu Lys Val Asp Tyr Gln Gly Glu
65     70     75     80
agg gga gac aca tct gtg aat ggc ctt tct gct gct gga ctt ggt act gat tct ggc ctg 300
Arg Gly Asp Thr Ser Val Asn Gly Leu Ser Ala Ala Gly Leu Gly Thr Asp Ser Gly Leu
85     90     95    100
ctg atg gat act ggt gat gaa aag cag aag aag aaa gag ata aaa gaa tta aaa gat agg 360
Leu Met Asp Thr Gly Asp Glu Lys Gln Lys Lys Lys Glu Ile Lys Glu Leu Lys Asp Arg
105    110    115    120
ggg ttt ata tct gct agg ttt agg aat tgg caa gcc tac atg cag tat tgt ttg ctc tgt 420
Gly Phe Ile Ser Ala Arg Phe Arg Asn Trp Gln Ala Tyr Met Gln Tyr Cys Leu Leu Cys
125    130    135    140
gac aaa gaa ttc ctt gga cac aga ata gta cgg cat gct caa aaa cat tac aaa gat ggg 480
Asp Lys Glu Phe Leu Gly His Arg Ile Val Arg His Ala Gln Lys His Tyr Lys Asp Gly
145    150    155    160
att tac agc tgt ccc ata tgt gca aag aat ttt aat tct aaa gac tcg ttt gtc cct cat 540
Ile Tyr Ser Cys Pro Ile Cys Ala Lys Asn Phe Asn Ser Lys Asp Ser Phe Val Pro His
165    170    175    180
gtt acc ctg cat gtt aaa cag tct agt aaa gag aga cta gca gct atg aag cca tta aga 600
Val Thr Leu His Val Lys Gln Ser Ser Lys Glu Arg Leu Ala Ala Met Lys Pro Leu Arg
185    190    195    200
aga ttg gga agg cct cct aaa atc aca gcc acc cat gaa aat caa aag act aat att aat 660
Arg Leu Gly Arg Pro Pro Lys Ile Thr Ala Thr His Glu Asn Gln Lys Thr Asn Ile Asn
205    210    215    220
act gtg gct aaa cag gaa cag cga ccc ata aaa aag aat agt ctt tat tca aca gat ttc 720
Thr Val Ala Lys Gln Glu Gln Arg Pro Ile Lys Lys Asn Ser Leu Tyr Ser Thr Asp Phe
225    230    235    240
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Ile Val Phe Asn Asp Asn Asp Gly Ser Asp Asp Glu Asn Asp Asp Lys Asp Lys Ser Tyr
245    250    255    260
gag ccc gag gtg atc cct gtc cag aaa cca gta cct gtt aat gag ttt aat tgt cct gtg 840
Glu Pro Glu Val Ile Pro Val Gln Lys Pro Val Pro Val Asn Glu Phe Asn Cys Pro Val
265    270    275    280
acc ttt tgt aaa aag ggc ttt aag tac ttc aaa aat tta att gct cat gtg aaa ggc cat 900
Thr Phe Cys Lys Lys Gly Phe Lys Tyr Phe Lys Asn Leu Ile Ala His Val Lys Gly His
285    290    295    300
aag gat agt gaa gat gcc aaa cgc ttt ctt gaa atg caa agc aag aaa gtc att tgc cag 960
Lys Asp Ser Glu Asp Ala Lys Arg Phe Leu Glu Met Gln Ser Lys Lys Val Ile Cys Gln
305    310    315    320
tac tgt aga agg cac ttt gta agc gtc act cat ctc aat gat cac tta caa atg cac tgt 1020
Tyr Cys Arg Arg His Phe Val Ser Val Thr His Leu Asn Asp His Leu Gln Met His Cys

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